

Abstract

An improved feedstock for fuel processing systems, and fuel processing systems incorporating the same. The fuel processing system includes a fuel processor adapted to produce a product hydrogen stream from a carbon-containing feedstock. The fuel processing system may also include a fuel cell stack adapted to produce an electric current from the product hydrogen stream.

The feedstock is at least substantially formed of a hydrocarbon or alcohol. In an exemplary embodiment, the feedstock includes methanol. The feedstock also includes at least one odorant adapted to produce a strong and characteristic odor, even when present in only low concentrations. The odorant, or odorants, are selected to be free or at least sufficiently free from compounds that will poison the catalyst used in the fuel processor.